ICGCW 2025

7th INDIAN CANCER GENETICS CONFERENCE & WORKSHOP

Tata Memorial Hospital & ACTREC, Mumbai, India

ICGC2025 CONFERENCE TMH, PAREL: *22-23 Feb'25* *(Saturday & Sunday)*

THREE PRECONFERENCE HANDS ON WORKSHOPS
20-21st Feb 2025

- ❑ Genetic Counselling of Common Hereditary Cancers: TMH, Mumbai
- ❑ NGS Wetlab, DryLab & Reporting: ACTREC, Navi Mumbai
- ❑ Functional Genomics & Tissue Culture, ACTREC, Navi Mumbai

ALL ABOUT LESS KNOWN or MODERATE RISK GENES, HYPOMORPHIC ALLELES & VUS

TMC Cancer Genetics Unit has CURATED germline genotype & phenotype data of 10,000+ cases - not only well characterised genes like BRCA1/2, MLH1, MSH2, TP53, PALB2) but also Less known genes (CHEK2, BRIP1, RAD51, CDH1, MSH6, PMS2, SDH, & many more
We have reclassified hundreds of ClinVar VUS as Likely Benign & a few as Likely Pathogenic

Registration fee (with 18% GST) *Will be Half for Trainees & GCs & *Double for Industry delegates	Early Bird 31-12.2024	Regular 31-1-2025	SPOT REG Feb 2025
Conference Only	6000	7500	9000
Conference + GC Workshop	8000	9500	12000
Conference + 1 Lab Workshop NGS or Functional Genomics	10000	12000	If available

DATES TO REMEMBER
→ EARLY BIRD: 31/12/2024
→ ABSTRACT: 05/02/2025
Mail 1 page PDF abstract to
icgcw.tmc@gmail.com
Best Paper Award for one abstract each in
- *Clinical Genetics*
- *Genetic Counselling*
- *Molecular Genetics*

***Abstracts eligible for fee waiver

***May Request Reg Fee Refund for abstract with Genotype-Phenotype description of >10 cases of less known genes or VUS*

<< *CLICK TO REGISTER* >>

Email ***icgcw.tmc@gmail.com*** ***Phone*** ***+91-22-27405000 ext. 5318*** ***Mobile:*** ***+91-8433733212***

PATRON	*CHAIRPERSON*	*ORGANIZING SECRETARY*	*TREASURER*
Prof. Sudeep Gupta	*Prof. Rajiv Sarin*	*Dr Poonam Gera*	*Dr Somya Srivastava*

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Less Known or Moderate Risk Genes, Hypomorphic Alleles & VUS

- *Why are they tested in the first place?*
- *Should they be in the report & how should they be described?*
- *Genotype-Phenotype uncertainty of these genes or variants*
- *Family & functional studies to characterise these variants*
- *Pitfalls in ignoring or acting upon these genes / variants*
- *My RARE GENE DIARY of Low to Moderate Cancer Risk Genes*

Three Pre Conference Workshops

3 PRE CONFERENCE HANDS ON WORKSHOPS 20-21 FEB. 2025

1)CANCER GENETIC COUNSELLING

Only 40 participants

- *Genetic counselling overview*
- *Drawing informative complex pedigrees*
- *Psychosocial issues in genetic counselling*
- *Counselling for VUS & Moderate penetrance genes*
- *Counselling for HBOC, Lynch, Li-Fraumeni, NF, FAP, MEN2, Cowden, RB1, Dicer, WT1 & other syndromes*
- *Prenatal & Pre-Implantation genetic testing*
- *Case based discussions & role plays*

TMH, PAREL MUMBAI

2) NGS WET LAB, DRY LAB & REPORTING

Only 24 participants

- *Library prep - Targeted Panel & Exome*
- *Setting up NGS run on MiSeq & NextSeq*
- *Bioinformatics - fastq to vcf, genomic databases*
- *Variant annotation, clinical report drafting on ACMG guidelines. Case based discussions on imp. aspects*
- *Sanger sequencing, Long Range PCR & MLPA*

3) FUNCTIONAL GENOMICS & TISSUE CULTURE

Only 14 participants

- *Functional Genomics Overview*
- *Mammalian Cell Culture Techniques*
- *Gene Editing Technologies - CRISPR/Cas9*
- *Functional Assays in Tissue Culture*
- *DNA Damage Repair and Genomic Integrity*
- *Apoptosis and Cell Survival Assays*

ACTREC, KHARGHAR, NAVI MUMBAI